

Title (en)

NATURAL LANGUAGE PROCESSING PLATFORM FOR AUTOMATED TRAINING AND PERFORMANCE EVALUATION

Title (de)

VERARBEITUNGSPLATTFORM FÜR NATÜRLICHE SPRACHE ZUR AUTOMATISCHEN SCHULUNG UND LEISTUNGSBEWERTUNG

Title (fr)

PLATE-FORME DE TRAITEMENT DE LANGAGE NATUREL POUR APPRENTISSAGE ET ÉVALUATION DES PERFORMANCES AUTOMATISÉS

Publication

**EP 4107684 A4 20240313 (EN)**

Application

**EP 21756591 A 20210215**

Priority

- US 202016792535 A 20200217
- US 2021018126 W 20210215

Abstract (en)

[origin: US2021256452A1] Aspects of the disclosure relate to computing platforms that utilize improved natural language processing techniques for performance evaluation and training. A computing platform may automatically determine, based on audio transcription files, a model for dynamic performance evaluation and training, which may be dynamically updated as additional audio transcription files are received. The computing platform may receive and analyze an additional audio transcription file using natural language processing and the model, which may result in proficiency scores. Based on the proficiency scores, the computing platform may calculate an overall proficiency score and identify areas for improvement associated with the first individual. Based on the areas for improvement, the computing platform may determine performance feedback tailored to the individual and may send, to a user device associated with the individual, the performance feedback.

IPC 8 full level

**G06Q 10/0639** (2023.01); **G06F 40/30** (2020.01); **G06Q 50/00** (2024.01); **G06F 40/284** (2020.01); **G10L 15/26** (2006.01)

CPC (source: EP US)

**G06F 40/30** (2020.01 - EP); **G06Q 10/06393** (2013.01 - US); **G06Q 10/06398** (2013.01 - EP US); **G10L 15/18** (2013.01 - US); **G10L 25/51** (2013.01 - US); **G06F 40/284** (2020.01 - EP); **G10L 15/26** (2013.01 - EP)

Citation (search report)

- [XII] US 2018077286 A1 20180315 - RAANANI ROY [US], et al
- [A] US 2019355043 A1 20191121 - SWIERK TODD ERICK [US], et al
- See also references of WO 2021167867A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**US 11861540 B2 20240102**; **US 2021256452 A1 20210819**; CA 3171652 A1 20210826; EP 4107684 A1 20221228; EP 4107684 A4 20240313; WO 2021167867 A1 20210826

DOCDB simple family (application)

**US 202016792535 A 20200217**; CA 3171652 A 20210215; EP 21756591 A 20210215; US 2021018126 W 20210215